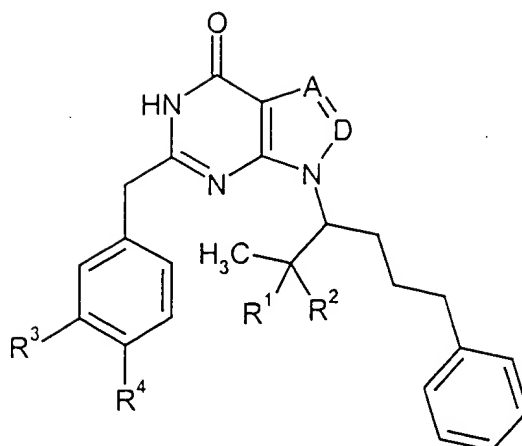


1. (Amended) A method of [Use of selective PDE2 inhibitors for producing pharmaceuticals for] improving perception, concentration, learning and/or memory, comprising administering to a mammal a selective PDE2 inhibitor.
2. Canceled
3. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of dementia.
4. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of stroke or craniocerebral trauma.
5. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of Alzheimer's disease.
6. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of Parkinson's disease.
7. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of depression.
8. (Amended) The method of [Use according to] Claim [2] 1, where [the] a disorder of perception, concentration, learning and/or memory is a result of dementia with frontal lobe degeneration.
9. (Amended) The method [Use according to any] of Claim[s] 1 [to 8], where the selective PDE2 inhibitor is a compound of the general formula (I)



in which

A=D represents N=N, N=CH or CR⁵=N, in which R⁵ denotes hydrogen, methyl, ethyl or methoxy,

R¹ and R² represent, together with the adjacent carbon atom, hydroxy-methylene or carbonyl, and

R³ and R⁴ represent independently of one another methyl, ethyl, methoxy, ethoxy or a radical of the formula SO₂NR⁶R⁷,

in which

R⁶ and R⁷ denote, independently of one another, hydrogen, C₁-C₆-alkyl, C₃-C₇-cycloalkyl, or

R⁶ and R⁷ form, together with the adjacent nitrogen atom, an azetidine-1-yl, pyrrol-1-yl, piperid-1-yl, azepin-1-yl, 4-methylpiperazin-1-yl or morpholin-1-yl radical,

or one of its salts.